SONY

VGN-CR540E/J

VAIO® CR Series Notebook PC

Speak softly and carry a bold computer

MAKE A POWERFUL STATEMENT

Experience the powerful performance of the newest hafnium-based Intel® Core™ 2 Duo T8100 processor (2.10GHz[1]) with 3MB of L2 cache and an amazing 4GB of pre-installed system memory.

The VAIO® CR notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium.

A perfect mix of power and style, the VAIO® CR is a slim, lightweight PC measuring less than 1" thin[8] while weighing only 5.49lbs[7].

Make a statement and show-off the VAIO® notebook's unique Silver Lizard textured covering with silver luminous trim and pulsing LED ground effects that emanate from beneath.

Offering a massive boost in wireless connection speed and range, work and play quicker virtually anywhere within your office or home using next-generation 802.11n integrated wireless LAN technology[3].

Store your important documents, family videos and pictures on the massive 320GB[2] (5400RPM) Serial ATA hard disk drive.

RICH MULTIMEDIA

Watch all your favorite movies and shows in stunning clarity on the 14.1"[6] widescreen display using XBRITE-ECO™ technology so you can see deeper blacks, brighter whites, true-to-life color and razor-sharp detail from almost any angle.

Whether it's for YouTube, a class project or for sharing with friends and family, editing digital video captured by your Sony Handycam® is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

Go straight to your favorite movies, songs and photos with the touch of a button. AV instant mode gives you instant access to your favorite multimedia without ever booting-up the operating system while conserving battery power.

EASY COMMUNICATION

Stay connected to colleagues, friends and family at home or on-the-go with real-time video conferencing[4] using the integrated MOTION EYE® camera and microphone.

Extend the reach of your CR notebook with Stereo A2DP Bluetooth® technology[16] that is ideal for advanced wireless communication and streaming uncompromised CD-quality stereo music to Bluetooth® enabled speakers or headphones.

Step out and be seen with the portable, powerful and colorful VAIO® CR notebook, a 14.1"[6] notebook with XBRITE-ECO™ LCD technology. This thin-and-light mobile masterpiece features an array of entertainment and design extras, including Stereo A2DP Bluetooth technology[16], a built-in web cam, AV controls, powerful, cutting-edge technologies and a comfortable, easy-to-clean keyboard.

Intel Centrino 2 Inside Performance to go

Windows Vista Home Premium

XBRITE-ECO™

SONY

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VAIO® CR Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Thin-and-light
Action Buttons: Play/Pause, Stop, FF, and Rewind, AV Mode, Mute, Volume-+, Capture and Display off, WLAN on/off
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 18.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T8100
Speed: 2.10GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 3MB
Technology: Intel® Centrino® Duo Processor Technology

Memory

Type: DDR2
Installed: 4GB PC2-5300 (2GBx2)[15]
Maximum: 4GB[15]
Speed: 667MHz

Hard Drive

Capacity: 320GB[2]
Speed: 5400rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 6x max
DVD+R Write: 8x max
DVD+RW Write: 8x max
DVD-R Write: 8x max
DVD-RW Write: 6x max
CD-R Write: 24x max
CD-RW Write: 24x max
DVD±RW: Yes[4] (DVD±R DL/DVD±RW/RAM)
CD Read: 24x max
DVD Read: 8x max
DVD-RAM Write: 5x max
DVD-R DL Write: 6x max
DVD-RAM Read: 5x max

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionality
One ExpressCard® /34 slot
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 14.1"[6]
Resolution: 1280 x 800
XBRITE-ECO™ Technology: Yes
Technology: WXGA LCD

Graphics

Processor: Mobile Intel® Graphics Media Accelerator X3100 with Intel® Clear Video Technology with Total Available Graphics Memory of 358MB (max.)[10]
Chipset: Intel® GM965 Express Chipset
Interface: VGA and S-Video Out with Smart Display Sensor

Inputs and Outputs

Ethernet Port: 1
Headphone Jack: 1
Modem Jack: 1
Microphone Input: 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V92/V.90 Modem (RJ-11)
Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology[16]

Power

Battery Type: VGP-BPS9/S
Estimated Battery Life: 2.0-4.5 hours[11] Standard Capacity Battery
3.5-7.5 hours[11] Large Capacity Battery
Power Requirements: 86W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[14]
Sony® Original Software: Click to Disc™ Editor - DVD Creation
LocationFree Player® Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Limited Warranty: 1 year limited warranty[12] . See actual warranty for details.
Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 5.49[7] (with standard battery)
Measurements: 13.2"(W) x 0.83-1.51"(H) x 9.8"(D)[7,8]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS9/S)
AC Adapter (VGP-AC19V19)
Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL9)
Additional Standard Lithium-ion Battery (VGP-BPS9A/S)
Stick AC Adapter (VGP-AC19V21)
USB Optical Mouse(VGP-UMS20/S)
Bluetooth® Laser Mouse (VGP-BMS33/S)
USB Portable Speaker (VGP-USP1)
100GB[9] Portable Hard Drive with Wireless Keys (VGP-UHDM10/B)
Slip Case with VAIO Smart Protection® technology in Dove White (VGP-CKC2/W)
Neoprene Notebook and AC Adapter Case (VGP-AMC5)
Notebook Backpack (VGP-CCP3/H)

Color: Silver Lizard
UPC Code: 027242743199

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. DVD media/formats are not universally compatible.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.Link is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
11. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you dont activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instgructions presented during setup and paying the required fees.
15. A portion of the system memory over 3GB may not be available to the operating system.
16. Use of this Bluetooth® enabled product with other devices may vary as not all Bluetooth® devices are compatible.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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